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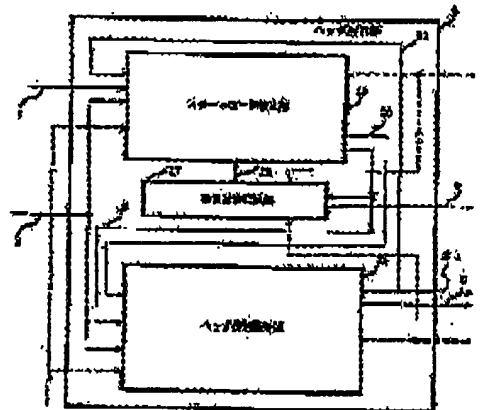
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## (54) DATA DECODER, DATA RECEIVER AND DATA RECEPTION METHOD

(57)Abstract:

**PURPOSE:** To prevent the mis-detection of a special code word by referring to a data arrangement rule based on a hierarchy to which decoded coded data belong so as to decide the correctness of the specific code word representing a delimitation of hierarchies of the coded data.

**CONSTITUTION:** A prescribed bit quantity of a bit stream received from a transmission line is stored and a bit pattern of a fixed length being a processing unit is segmented from the bit string as processing data 3 and a start code detection section 15 of a header analysis section 4 detects a sequence start code. A header information decoding section 16 decodes header information 6 based on a current layer state 19 stored in a layer state storage section 17 and a type 20 of a detected start code. The header analysis section 4 monitors whether or not a new start code is generated by the start code detection section 16 at all times and re-starts the header information decoding section 16 according to the start code type 20 and the current layer 19 when the new start code is correctly detected.



## LEGAL STATUS

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